# SEPARATOR FOR ALKALINE BATTERY AND ALKALINE BATTERY

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**Inventor:** NISHIKITANI YOSHINORI; AKITA SEIICHI; IKEDA HIROYUKI; KURODA NOBUYUKI

**Applicant:** NIPPON OIL CO LTD

**Classification:**

**- international:** ***C08K3/38; C08L29/04; H01M2/16; H01M6/04; H01M10/24;*** **C08K3/00; C08L29/00; H01M2/16; H01M6/04; H01M10/24;** (IPC1-7): H01M2/16; C08K3/38; C08L29/04; H01M6/04; H01M10/24

**- european:**

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Abstract of **JP8273653**

PURPOSE: To enhance stability, and particularly lengthen the cycle service life of a secondary battery by forming an alkaline battery having a separator. CONSTITUTION: A separator for an alkaline battery which is substantially formed of a cross linked body obtained by cross-linking polyvinyl alcohol under the existence of a cross-linking agent and on which the cross-linking agent 13 sodium tetraboric acid and/or its hydrate and whose cross-linked body is formed independently or integrally with a mesh-like structure body and is characterized by having a sheet-like shape or the like and an alkaline battery having these, are provided. A separator is excellent in electrolyte resistance, dendrite resistance and an electrolyte keeping characteristic, and is useful since ion conductivity is excellent.

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